

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended). An isolated polypeptide comprising a truncated tryptophanyl-tRNA synthetase polypeptide comprising a Rossmann fold nucleotide binding domain, wherein the isolated polypeptide is capable of regulating vascular endothelial cell function and has a size of at least about 46 kilodaltons relative to and less than full length tryptophanyl-tRNA synthetase having a size of about 54 kilodaltons.

Claim 2 (cancelled)

Claim 3 (previously amended). The isolated polypeptide of claim 1, wherein the truncated tryptophanyl-tRNA synthetase polypeptide has amino-terminal truncation.

Claim 4 (cancelled).

Claim 5 (original). The isolated polypeptide of claim 1, wherein the polypeptide is angiostatic.

Claim 6 (cancelled).

Claim 7 (original). The isolated polypeptide of claim 1, wherein the polypeptide is mammalian.

Claim 8 (original). The isolated polypeptide of claim 1, wherein the polypeptide is human.

Claims 9-35 (withdrawn).

Claim 36 (original). A composition comprising the isolated polypeptide of claim 1 and a pharmaceutically suitable excipient.

Claim 37 (cancelled).

Claims 38-48 (withdrawn).

Claim ~~49~~⁷ (new). The isolated polypeptide of claim 1, wherein the truncated tryptophanyl-tRNA synthetase polypeptide is a polypeptide consisting essentially of amino acid residues 48-471 of SEQ ID NO:10.

Claim ~~50~~⁸ (new). The isolated polypeptide of claim 1, wherein the truncated tryptophanyl-tRNA synthetase polypeptide is a polypeptide consisting essentially of amino acid residues 71-471 of SEQ ID NO:10.

Claim ~~51~~⁹ (new). The isolated polypeptide of claim 1, wherein the truncated tryptophanyl-tRNA synthetase polypeptide is a polypeptide of approximately 47

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C1

kD molecular weight produced by cleavage of the polypeptide of SEQ ID NO:10 with polymorphonuclear leucocyte elastase.
